

Amendments to the Claims

Please amend the claims as indicated below:

1. (Original) A method of forming a foam product comprising the steps of:
forming a layer of uncured thermosetting polyurethane foam;
applying to said layer of uncured foam a layer of bubble pack made of thermoplastic polyurethane, such that the bubbles that extend outwardly from said bubble pack at least partially penetrate into said uncured foam; and
curing said layer of uncured thermosetting polyurethane foam, whereby said thermosetting polyurethane foam chemically bonds to said thermoplastic polyurethane bubble pack.

2. (Original) The method of Claim 1, wherein said bubbles that extend outwardly from said bubble pack substantially completely penetrate into said uncured foam

3. (Original) The method of Claim 1, wherein said thermosetting polyurethane foam is about 1 to 10 mm in thickness.

4. (Original) The method of Claim 1, wherein said thermosetting polyurethane foam is about 2 to 5 mm in thickness.

5. (Original) The method of Claim 1, wherein said thermosetting polyurethane foam is cured by heating it to a temperature of about 110° to 325°F.

6. (Original) A method of forming a foam product comprising the steps of:
applying to a layer of bubble pack made of thermoplastic polyurethane a layer of frothed, uncured thermosetting polyurethane foam, such that bubbles that extend outwardly from said bubble pack are at least partially surrounded by said uncured foam; and
curing said layer of uncured thermosetting polyurethane foam, whereby said thermosetting polyurethane foam chemically bonds to said thermoplastic polyurethane bubble pack.

7. (Original) The method of Claim 6, wherein said bubbles that extend outwardly from said bubble pack substantially completely penetrate into said uncured foam

8. (Original) The method of Claim 6, wherein said thermosetting polyurethane foam is about 1 to 10 mm in thickness.

9. (Original) The method of Claim 6, wherein said thermosetting polyurethane foam is about 2 to 5 mm in thickness.

10. (Original) The method of Claim 6, wherein said thermosetting polyurethane foam is cured by heating it to a temperature of about 110° to 325°F.

11. (Original) A method of forming a foam product comprising the steps of:
forming a layer of frothed, uncured thermosetting polyurethane foam, said layer of foam having a first surface and a second surface;

applying to said first surface of said layer of uncured foam a layer of bubble pack made of thermoplastic polyurethane, said bubble pack having a plurality of bubbles that project outwardly from said layer;

applying pressure to said layer of uncured polymeric foam and said layer of bubble pack so that said uncured polymeric foam at least partially surrounds each bubble of said plurality of outwardly projecting bubbles; and

applying to said second surface heat of a temperature and for a time sufficient to cure said layer of uncured polymeric foam, but not sufficient to adversely affect said layer of bubble pack.

12. (Original) The method of Claim 11, wherein said uncured polymeric foam substantially completely surrounds each bubble of said plurality of outwardly projecting bubbles.

13. (Original) The method of Claim 11, wherein said thermosetting polyurethane foam is about 1 to 10 mm in thickness.

14. (Original) The method of Claim 11, wherein said thermosetting polyurethane foam is about 2 to 5 mm in thickness.

15. (Original) The method of Claim 11, wherein said thermosetting polyurethane foam is cured by heating it to a temperature of about 110° to 325°F.

16. (Original) A method of forming a foam product comprising the steps of:
applying to a substrate a layer of frothed, uncured thermosetting polyurethane foam;

applying to said layer of uncured foam on said substrate a layer of bubble pack made of thermoplastic polyurethane, such that bubbles that extend outwardly from said bubble pack at least partially penetrate into said uncured foam; and

curing said layer of uncured foam to form a laminate comprising said substrate, said cured foam and said bubble pack.

17. (Original) The method of Claim 16, wherein said substrate is a fabric.

18. (Original) The method of Claim 16, wherein said substrate is a carpet.

19. (Original) The method of Claim 16, wherein said substrate is paper.

20. (Original) The method of Claim 16, wherein said substrate is a plastic film.

21. (Original) The method of Claim 20, wherein said plastic film is selected from polyurethane, polyethylene and polypropylene.

22. (Original) A method of forming a foam product comprising the steps of:
applying to a layer of bubble pack made from thermoplastic polyurethane a
layer of frothed, uncured thermosetting polyurethane foam, such that bubbles that extend
outwardly from said bubble pack are at least partially surrounded by said uncured foam;
applying to said layer of uncured polymeric foam on said bubble pack a
substrate; and
curing said layer of uncured polymeric foam.

23. (Original) The method of Claim 22, wherein said substrate is a fabric.

24. (Original) The method of Claim 22, wherein said substrate is a carpet.

25. (Original) The method of Claim 22, wherein said substrate is paper.

26. (Original) The method of Claim 22, wherein said substrate is a plastic film.

27. (Original) The method of Claim 22, wherein said film is selected from
polyurethane, polyethylene and polypropylene.

28-40. (Withdrawn).

41. (Original) A method of forming a product comprising the steps of:
applying to a layer of bubble pack having a plurality of bubbles that extend
outwardly from said bubble pack and also have interstices between adjacent bubbles a
viscoelastic composition, such that the viscoelastic composition at least partially fills the
interstices of said bubble pack; and
curing said viscoelastic composition.

42. (Original) The method of Claim 1, wherein said bubble pack is made from a
plastic material selected from polyurethane, polyethylene and polypropylene.

43. (Original) The method of Claim 1, wherein said bubble pack is made from thermoplastic polyurethane.

44. (Original) The method of Claim 1, wherein said viscoelastic composition substantially fills the interstices of said bubble pack

45. (Original) The method of Claim 1, wherein said viscoelastic composition is a viscoelastic polyurethane composition.

46. (Original) The method of Claim 1, wherein said bubble pack is about 3/32 to 1 inch in thickness.

47. (Original) The method of Claim 1, wherein said viscoelastic composition is cured by heating it to a temperature of about 110° to 325° F.

48. (Presently amended) A method of forming a product comprising the steps of:
forming a layer of a viscoelastic composition;
applying to said layer of viscoelastic composition a layer of bubble pack having a plurality of bubbles that extend outwardly from said bubble pack and also have interstices between adjacent bubbles ~~a viscoelastic composition~~, such that the viscoelastic composition at least partially fills the interstices of said bubble pack; and
curing said viscoelastic composition.

49. (Original) The method of Claim 24, wherein said substrate is a fabric.

50. (Original) The method of Claim 24, wherein said substrate is a carpet.

51. (Original) The method of Claim 24, wherein said substrate is paper.

52. (Original) The method of Claim 24, wherein said substrate is a plastic film.

53. (Original) The method of Claim 24, wherein said plastic film is selected from polyurethane, polyethylene and polypropylene.

54-62. (Withdrawn).